# BRUHAT BANGALORE MAHANAGARA PALIKE
## DASARAHALLI ZONE

*Name of Work:Improvements to drains at 13th cross L/s at Havnoor Extension in Ward No 14*

| | | | Est. Cost Rs | | | | 12.00 | Lakhs | |
|---|---|---|---|---|---|---|---|---|---|
| Sl. | Description of Item | Unit | No | L | B | D | Qty | Rate | Amount |
| 1 | KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in **Ordinary soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.138/I.19.1 PW, P & IWTD -SR 2014-15) | Cum | | | | | | | |
| | CC drain | | 1 | 145.00 | 1.20 | 0.80 | 139.20 | | |
| | | | | | | | **139.20** | 75.60 | **10524.00** |
| | Basic Rate | 70.00 | | | | | | | |
| | Add Area Weightage 8% | 5.60 | | | | | | | |
| | **Total** | **75.60** | | | | | | | |
| 2 | KSRB 4-1.3: Providing and laying in position **plain cement** concrete of mix M7.5 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3) PWD - SR 2014-15) | Cum | | | | | | | |
| | | | 1 | 145 | 1.2 | 0.15 | 26.10 | | |
| | Basic Rate | 4488.00 | | | | | **26.10** | 4847.04 | **126508.00** |
| | Add Area Weightage 8% | 359.04 | | | | | | | |
| | **Total** | **4847.04** | | | | | | | |
| 3 | KSRB 4-1.6: Providing and laying in position plain cement concrete of mix **M1:2:4 with** cement @240 kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.6) PW, P & IWTD - SR 2014-15) | Cum | | | | | | | |
| | | | 2 | 145 | 0.15 | 0.90 | 39.15 | | |
| | | | 1 | 145 | 1.20 | 0.10 | 17.40 | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Basic Rate | 4933.00 | | | | | **56.55** | 5228.98 | **295699.00** |
| | Add Area Weightage 6% | 295.98 | | | | | | | |
| | **Total** | **5228.98** | | | | | | | |
| | | | | | | | | | |
| 4 | KSRB 4.9.2 : Providing **T.M.T steel** reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. for TMT Bars Fe 500 Specification No.KBS 4.6.3 ( Page No.17, Item No. 4.46.2 ) 2014-15 | q | | | | | | | |
| | For Bottom & Sides | | 1 | 20.00 | 100.00 | 0.62 | 1240.00 | | |
| | | | 1 | 1450.00 | 2.50 | 0.62 | 2247.50 | | |
| | | | | | | | 3487.50 | | |
| | | | | | | **Say** | **34.88** | 7835.18 | **273252.00** |
| | **Basic Rate** | 7254.80 | | | | | | | |
| | **Add 8% A.W** | 580.38 | | | | | | | |
| | **TOTAL** | 7835.18 | | | | | | | |
| 5 | KSRB 4-6.4 : Providing and removing **centering**, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 ( Page No.15, Item No. 4.31 ) | Sqm | | | | | | | |
| | | | 4 | 145.00 | | 0.90 | 522.00 | | |
| | | | | | | | **522.00** | 292.68 | **152779.00** |
| | **Basic Rate** | 271.00 | | | | | | | |
| | **Add 8% A.W** | 21.68 | | | | | | | |
| | **TOTAL** | 292.68 | | | | | | | |
| | | | | | | | | | |
| 6 | Supplying and fixing **precast** rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials. | Sqm | | | | | | | |
| | | | 1 | 145.00 | 0.90 | | 130.50 | | |
| | **Data Rates Approved by CE DZ enclosed** | | | | | | **130.50** | 1600.00 | **208800.00** |
| | | | | | | | | | |
| | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | -06- |
| 7 | Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading **Page No. 150 Item No. 17.1 PWD SR 2013-14** | Cum | | | | | | | |
| | | | Qty Vide Item No. 1 | | | | **139.20** | 78.24 | **10891.00** |
| | Loading and Unloading Charges | 62.20 | | | | | | | |
| | Lead 4 KMs 2x1.28x4 | 10.24 | | | | | | | |
| | | **72.44** | | | | | | | |
| | Area Weightage @ 8% | 5.80 | | | | | | | |
| | **Total** | **78.24** | | | | | | | |
| 8 | KRIDL & Quality control Test Charges 11% | | | | | | L.S | | **120000.00** |
| 9 | Miscellaneous and UnforessenCharges | | | | | | L.S | | **1547.00** |
| | | | | | | | Rs. | **Total** | **1200000.00** |

**(Rupees.Twelve Lakhs Only)**

**CERTIFICATE:-**

1 The Work spot has been inspected and the work is found to be necessary

2 The Estimate is prepared as per the PW,P & IWTD -SR-2014-15

3 The Provision made in estimate are adequate and essential.

4 This area comes under BBMP limits.

**Assistant Engineer**
**Ward-14**

**Assistant Executive Engineer**
**T. Dasarahalli Sub-Division**
**B.B.M.P**

**Executive Engineer**
**Dasarahalli Division**
**B.B.M.P. Bangalore.**

ನಂ. CE/02/AS/14-15/143. P127 ದಿನಾಂಕ : 05/02/2015
ರೂ. ಹನ್ನೆರಡು ಲಕ್ಷಗಳು /12,00,000/-
.....ಗಳ
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

JCN - 014 - 15 - 000034
Pcode - P1771

ನಂ. ಚೀ/ಗಾ/ಸ/ಅ/2014-15 ದಿನಾಂಕ : 7/2/2015
ರೂ. 12.00 Lakhs (Rupees twelve lakhs only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು
7/2/15

ಸಹಾಯಕ ಕಮಿಷನರ ಆಯುಕ್ತರು

ಜಿ. ರಾಜರಾಜೇಶ್ವರಿ ಐಎಎಸ್ ಅಧಿಕಾರಿ

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಪೂರ್ವ ವಿಭಾಗ, ಬೆಂಗಳೂರು - 560 075